

Paul Simon

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3799859/paul-simon-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,632
citations

22
h-index

40
g-index

51
ext. papers

1,768
ext. citations

4.4
avg, IF

3.61
L-index

#	Paper	IF	Citations
49	Decellularization protocols of porcine heart valves differ importantly in efficiency of cell removal and susceptibility of the matrix to recellularization with human vascular cells. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004 , 127, 399-405	1.5	296
48	Tissue engineering of heart valves: decellularized porcine and human valve scaffolds differ importantly in residual potential to attract monocytic cells. <i>Circulation</i> , 2005 , 111, 2792-7	16.7	141
47	V(D)J-mediated translocations in lymphoid neoplasms: a functional assessment of genomic instability by cryptic sites. <i>Journal of Experimental Medicine</i> , 2002 , 195, 85-98	16.6	132
46	Intramedullary pressure changes and fat intravasation during intramedullary nailing: an experimental study in sheep. <i>Journal of Trauma</i> , 1994 , 36, 202-7		109
45	Decellularization does not eliminate thrombogenicity and inflammatory stimulation in tissue-engineered porcine heart valves. <i>Journal of Heart Valve Disease</i> , 2006 , 15, 278-86; discussion 286		102
44	The decellularized porcine heart valve matrix in tissue engineering: platelet adhesion and activation. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 562-7	7	74
43	Reverse cardiac remodelling in patients with primary pulmonary hypertension after isolated lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 26, 776-81	3	65
42	One-year interim follow-up results of the TRAVERCE trial: the initial feasibility study for trans-apical aortic-valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 39, 532-7	3	50
41	Dilatation of the autograft root after the Ross operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2002 , 21, 470-3	3	46
40	IgG deposition and activation of the classical complement pathway involvement in the activation of human granulocytes by decellularized porcine heart valve tissue. <i>Biomaterials</i> , 2008 , 29, 1824-32	15.6	38
39	Granulocyte-based immune response against decellularized or glutaraldehyde cross-linked vascular tissue. <i>Biomaterials</i> , 2006 , 27, 5634-42	15.6	37
38	Doppler echocardiographic assessment of valvular regurgitation severity by measurement of the vena contracta: an in vitro validation study. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 999-1006	5.8	36
37	The Ross procedure offers excellent survival compared with mechanical aortic valve replacement in a real-world setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2014 , 46, 409-13; discussion 413-4	3	34
36	Arterial to end-tidal CO ₂ tension difference after bilateral lung transplantation. <i>Critical Care Medicine</i> , 1993 , 21, 1035-40	1.4	33
35	Vacuum assisted closure therapy for the treatment of sternal wound infections in neonates and small infants. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2006 , 5, 285-8	1.8	32
34	Relation between size of prosthesis and valve gradient: comparison of two aortic bioprosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2004 , 25, 358-63	3	32
33	Clinical evaluation of pressure-controlled intermittent coronary sinus occlusion: randomized trial during coronary artery surgery. <i>Annals of Thoracic Surgery</i> , 1988 , 46, 192-201	2.7	30

32	Echocardiographic results after repair of incompetent bicuspid aortic valves. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 669-72	2.7	29
31	Noninvasive monitoring of peak filling rate with acoustic quantification echocardiography accurately detects acute cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 1999 , 18, 194-201	5.8	24
30	Aortic valve resuspension in ascending aortic aneurysm repair with aortic insufficiency. <i>Annals of Thoracic Surgery</i> , 1995 , 60, 176-180	2.7	24
29	Distinct t(7;9)(q34;q32) breakpoints in healthy individuals and individuals with T-ALL. <i>Nature Genetics</i> , 2003 , 33, 342-4	36.3	22
28	Prosthetic replacement of the aorta is a risk factor for aortic root aneurysm development. <i>Annals of Thoracic Surgery</i> , 2002 , 73, 455-9	2.7	22
27	Biomechanical properties of decellularized porcine pulmonary valve conduits. <i>Artificial Organs</i> , 2008 , 32, 28-35	2.6	20
26	EuroSCORE predicts mid-term outcome after combined valve and coronary bypass surgery. <i>Journal of Heart Valve Disease</i> , 2004 , 13, 439-43		15
25	Tissue Engineering of heart valves—Immunologic and inflammatory challenges of the allograft scaffold. <i>Progress in Pediatric Cardiology</i> , 2006 , 21, 161-165	0.4	14
24	Thoracoabdominal aneurysm repair: spinal cord protection using profound hypothermia and circulatory arrest. <i>Journal of Cardiac Surgery</i> , 1994 , 9, 679-84	1.3	12
23	Experimental stent-graft treatment of ascending aortic dissection. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 470-3	2.7	10
22	Impact of Bleeding Revision on Outcomes After Left Ventricular Assist Device Implantation. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 517-523	2.7	8
21	Measurement of aortic flow velocity during transesophageal echocardiography in the transgastric five-chamber view. <i>Journal of the American Society of Echocardiography</i> , 1995 , 8, 874-8	5.8	7
20	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients: Consensus paper of the Medical University of Vienna. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 671-676	2.3	6
19	High-Intensity Transient Signals in the Outflow Graft and Thrombosis of a HeartWare Left Ventricular Assist Device. <i>Annals of Thoracic Surgery</i> , 2016 , 101, e83-5	2.7	6
18	Midterm results after aortic valve replacement with the autologous tissue cardiac valve. <i>European Journal of Cardio-thoracic Surgery</i> , 1999 , 16, 533-9	3	6
17	The use of profound hypothermia and circulatory arrest in operations on the thoracic aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 1997 , 11, 176-81	3	5
16	Autologous tissue cardiac valve for aortic valve replacement: technical aspects and early results. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 1759-63	2.7	5
15	Ventricular Assist Devices - Evolution of Surgical Heart Failure Treatment. <i>European Cardiology Review</i> , 2014 , 9, 54-58	3.9	5

14	Intraoperative echocardiography in cardiac emergencies. <i>Echocardiography</i> , 1990 , 7, 193-200	1.5	4
13	Midterm results of aortic valve replacement with cryopreserved homografts. <i>Balkan Medical Journal</i> , 2012 , 29, 170-3	1.5	3
12	Vascular Complications in TAVR: Incidence, Clinical Impact, and Management. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
11	Scanning electron microscopy and energy-dispersive x-ray microanalysis: a valuable tool for studying cell surface antigen expression on tissue-engineered scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2009 , 15, 257-63	2.9	2
10	SYNCHRONIZED RETROPERFUSION COMBINED WITH CORONARY SINUS OCCLUSION: EXPERIMENTAL MEASUREMENTS COMPARED WITH SIMULATION RESULTS AND MODEL PREDICTIONS. <i>Cybernetics and Systems</i> , 1990 , 21, 389-421	1.9	2
9	Reconstructed bicuspid aortic valve after 10 years: clinical and echocardiographic follow-up. <i>Heart Surgery Forum</i> , 2004 , 7, E485-9	0.7	2
8	Use of the Novel Surgical Enhancement Tools for Less Invasive Abbott HeartMate 3 Implantation. <i>Annals of Thoracic Surgery</i> , 2018 , 106, e209-e210	2.7	2
7	Pregnancy and uncomplicated vaginal delivery only 13 months after cardiac transplantation (case report). <i>Acta Chirurgica Austriaca</i> , 1996 , 28, 176-177		1
6	Acute oxygenator occlusion in two cases of polycythemia vera: Bailout strategies. <i>Journal of Cardiac Surgery</i> , 2020 , 35, 2835-2837	1.3	1
5	Long-term outcomes after the paediatric Ross and Ross-Konno procedures. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021 , 33, 455-461	1.8	1
4	Injection Site Erythema in a Patient on Therapeutic Anticoagulation with Low Molecular Weight Heparin after Mechanical Aortic Valve Replacement: A Rare Presentation of Heparin- and Protamine-Induced Thrombocytopenia. <i>Case Reports in Immunology</i> , 2020 , 2020, 4503598	1.9	1
3	Aortic valve replacement in pediatric patients: 30 years single center experience. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 259	1.6	0
2	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2005 , 80, 1828	2.7	
1	Rapid and untypical calcification of the Sorin pericarbon stentless pericardial xenograft in a child. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004 , 3, 370-2	1.8	